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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroyuki FUSE
Title: IMAGE FORMING APPARATUS AND
METHOD OF CONTROLLING THE
APPARATUS
Appl. No.: Not yet assigned
Filing Date: December 26, 2001
Examiner: Not yet assigned
Art Unit: Not yet assigned



INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56 and 37 C.F.R. § 1.97

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith on a modified Form PTO-1449 is a listing of documents known to applicant in order to comply with applicant's duty of disclosure pursuant to 37 C.F.R. § 1.56. A copy of each of the listed documents is being submitted to comply with the provisions of 37 C.F.R. §§ 1.97-1.98.

The submission herewith of any document is not intended as an admission either that such document constitutes competent prior art against the claims of the present application or that such document is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicant does not waive the right to take appropriate action to antedate any document that does not constitute a statutory bar and that is determined to be a prima facie prior art reference against the claims of the present application, or to otherwise remove such a document as a competent reference.

TIMING OF THE DISCLOSURE

This Information Disclosure Statement is being filed under the provisions of 37 C.F.R. § 1.97(b) within three months of the filing date of the application.

RELEVANCE OF THE DOCUMENTS

Document A2 discloses a method in which γ data is changed with pulse-width demodulation which is performed per one pixel in a two-value image and pulse-width modulation of a pixel coupling-type which is performed in a multi-valued image, and an appropriate image is reproduced.

Document A3 discloses a method in which in one pixel, the position of the output pulse width is varied back and forth, as a result of which an appropriate image is reproduced without changing of an original image.

Document A4 discloses a method in which in an apparatus for outputting a signal the pulse width of which is modulated by using a triangular wave, a pixel modulation signal which can easily change the recording position in one pixel can be achieved with a simple circuit.


English translations of documents A2-A4 are not readily available; however, the absence of such translations does not relieve the PTO from its duty to consider the submitted documents (37 C.F.R. § 1.98 and M.P.E.P. § 609). English language abstracts are provided for documents A2-A4. Applicant also notes that document A1 is a U.S. patent counterpart to document A4.

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with M.P.E.P. § 609.

December 26, 2001

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Respectfully submitted,


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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)Date Submitted to PTO: **December 26, 2001**ATTY DOCKET NO.: **016907/1349**SERIAL NO.: **Not yet assigned**APPLICANT: **Hiroyuki FUSE**FILING DATE **December 26, 2001**GROUP: **Not yet assigned**J11002 U.S. PTO
10/025769

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	5, 825,939	10-20-1998	Kawasaki et al.	382	270	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	A2	8-265520	10-11-1996	Japan			Abstract
	A3	9-300698	11-25-1997	Japan			Abstract
	A4	8-279905	10-22-1996	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.